AMENDMENTS TO THE CLAIMS

1.   (Currently Amended) A product <u>having a surface</u> ~~which is~~ provided with a <u>position</u> coding pattern~~, which comprises~~ <u>coding positions on the surface so that it is</u> <u>suitable for electronic recording of hand writing</u> , said position coding pattern comprising a plurality of marks, each of which represents one of at least two different values, ~~characterized in that~~ the <u>position</u> coding pattern also comprises a plurality of nominal positions, each of said plurality of marks being associated with one of said plurality of nominal positions and the value of each mark being ~~indicated~~ <u>coded</u> by <u>each mark's</u> ~~its~~ location relative to its nominal position.

2-22.   (Canceled)

23.   (New) The product as claimed in claim 1, wherein each position is coded by a two-dimensional array of marks.

24.   (New) The product as claimed in claim 23, wherein at least some of the marks that code a first position also are used for coding a second position.

25.   (New) The product as claimed in claim 1, wherein all marks are of substantially the same size.

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26.   (New) The product as claimed in claim 1, wherein the marks are circular.

27.   (New) The product as claimed in claim 1, wherein the marks are monochrome.

28.   (New) The product as claimed in claim 1, wherein a distance between a mark and a mark's associate nominal position is less than a distance between any two adjacent nominal positions.

29.   (New) The product as claimed in claim 1, wherein a diameter of the marks is less than a distance between the marks and their respective associate nominal position.

30.   (New) The product as claimed in claim 1, the position-coding pattern further comprising a plurality of first raster lines which are parallel to each other and a plurality of second raster lines which are parallel to each other, said second raster lines intersecting the first raster lines at intersection points, which constitute said nominal positions.

31.   (New) The product of claim 30, wherein the first and second raster lines are virtual but may be determined from the marks of the position coding pattern.

32.   (New) The product as claimed in claim 30, wherein the distance between the raster lines is approximately 250 μm to 300 μm.

33.   (New) The product as claimed in claim 1, wherein each mark is displaced in one of at least four different directions from its nominal position.

34.   (New) A method of electronically recording handwriting, comprising:

        capturing a sequence of images of a position-coding pattern on a surface while handwriting is created on the surface, each image including a subset of the position-coding pattern and each subset including an array of marks coding a position on the surface,

        determining a plurality of nominal positions in each of said images,

        determining locations of the marks in relation to the nominal positions in each of said images,

        determining a position coded by the array of marks in each image based on the locations of at least some of the marks in relation to their respective nominal positions.

35.   (New) A method as claimed in claim 34, wherein determining locations of the marks comprises searching for the marks at a predetermined distance from the nominal positions.

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36.   (New) A method as claimed in claim 34, wherein determining a plurality of nominal positions comprises localizing the marks and identifying a raster by using the localized marks.

37.   (New) The method as claimed in claim 34, wherein determining a position comprises determining a value coded by each mark in the array based on the location of the mark in relation to its nominal position and calculating a position from the values coded by the marks in the array.

38.   (New) The method as claimed in claim 37, wherein determining a value coded by each mark comprises determining in which of a plurality of predetermined directions a mark is displaced from its nominal position.

39.   (New) A device for electronically recording handwriting, comprising:

a sensor for capturing a sequence of images of a position-coding pattern on a surface while the sensor is moved over the surface, each image including a subset of the position-coding pattern including an array of marks, and

a processor, which is configured to determine a plurality of nominal positions in each of said images, to determine locations of the marks in relation to the nominal positions in each of said images, and to determine a position coded by the array of

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marks in each image based on the locations of at least some of the marks in relation to their respective nominal positions.

40.   (New) The device as claimed in claim 39, wherein the processor is configured to search for the marks at a predetermined distance from the nominal positions.

41.   (New) The device as claimed in claim 39, wherein the processor is configured to localize the marks and identify a raster by using the localized marks.

42.   (New) The device of claim 39, wherein the raster is a virtual raster identifiable from the marks displaced from the raster.

43.   (New) The device as claimed in claim 41, wherein the processor is configured to determine a value coded by each mark in the array based on the location of the mark in relation to its nominal position and calculate a position from the values coded by the marks in the array.

44.   (New) The device as claimed in claim 39, wherein the processor is configured to determine in which of a plurality of predetermined directions a mark is displaced from its nominal position.

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